

MAY 23 2007

Docket No. F-8503

Scr. No. 10/521,218

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently Amended) An optical fiber tape core comprising:

an optical fiber core assembly with plural optical fiber cores two-dimensionally arranged in parallel with each other;

a coating layer formed of silicone rubber and arranged on at least one side of said optical fiber core assembly, said silicone rubber forming said coating layer; and

said plural optical fiber cores do not intersect each other at any location along said plural optical fiber cores.

2. (Withdrawn) The optical fiber tape core according to claim 1, wherein said silicone rubber forming said coating layer has a hardness of from 20 to 90 and a tensile strength of from 15 to 80 kgf/cm².

3. (Withdrawn) The optical fiber tape core according to claim 1, wherein coating layers are arranged on both sides of said two-dimensional assembly of said plural optical fiber cores.

Docket No. F-8503

Ser. No. 10/521,218

4-15. (Cancelled)

16. (Previously presented) A process for fabricating the optical fiber tape core of claim 1 by coating plural optical fiber cores all together, which comprises the following steps:

mounting said optical fiber cores in alignment with each other on a two-dimensional flat surface such that said optical fiber cores do not intersect each other at any location along said plural optical fiber cores;

applying silicone rubber onto said two-dimensional flat surface such that said two-dimensional flat surface with said plural optical fiber cores mounted therein is coated with said silicone rubber to form a coating layer; and

peeling off said plural optical fiber cores from said two-dimensional flat surface to separate, from said coating layer on said two-dimensional flat surface, only a part thereof located on the peeled optical fiber cores.

17. (Withdrawn) The process according to claim 16, wherein only some of said coated, plural optical fiber cores are peeled off from said two-dimensional flat surface.

Docket No. F-8503

Scr. No. 10/521,218

18. (Withdrawn) The process according to claim 16, wherein a coating layer formed of silicone rubber having a hardness of from 20 to 90 and a tensile strength of from 15 to 80 kgf/cm² is formed.

19. (Withdrawn) The process according to claim 16, wherein said two-dimensional flat surface is provided with an adhesive layer for temporarily holding said optical fibers in place on said two-dimensional flat surface.

20. (Withdrawn) The process according to claim 16, wherein said two-dimensional flat surface is provided with a groove for aligning said optical fiber cores on said two-dimensional flat surface.

21. (Cancelled)